

UCS2+

UNDERSINK DRINKING WATER SYSTEM 2+



Rainfresh UCS2+ is a 3-stage undersink drinking water system that reduces harmful suspended, dissolved contaminants, and microplastics from water. It can be used on both treated and untreated waters (such as lakes, rivers etc).

It includes a high grade activated carbon block filter followed by a ceramic filter with an activated carbon core. UCS2+:

- Traps & kills >99.99999 bacteria (e.g. E. coli) and >99.95% cyst (Cryptosporidium & Giardia) & other parasites
- Reduces PFOA & PFOS (forever chemicals)
- Reduces microplastics
- Reduces volatile organic compounds and trihalomethanes
- Reduces lindane (common pesticide)
- Reduces chlorine, taste and odour
- Reduces >99.99% of sediment and particulate matter of 0.3 micron size or more



UCS2+ is independently lab tested for reduction of coliform, E. coli & other bacteria (see below)

PROTECTS AGAINST

- Microplastics
- PFOA, PFOS
- Coliform Bacteria (e.g. E. coli)
- Cysts (Cryptosporidium & Giardia)
- VOC / THM
- Chemicals
- Chlorine, taste, odour
- Sediment (0.3 micron)

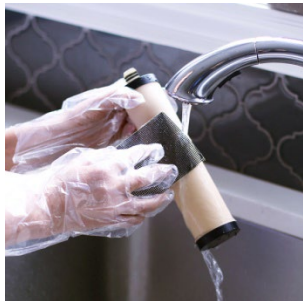
Contaminant	Reduction Efficiency	Log Reduction
E. coli (Faecal Coliform)	> 99.9999%	> 6 log
Serratia marcescens	> 99.9999%	> 6 log
Salmonella typhimurium (Typhoid)	> 99.9999%	> 6 log
Vibrio Cholera (Cholera)	> 99.9999%	> 6 log
Shigella dysenteriae (Dysentery)	> 99.9999%	> 6 log
Klebsiella terrigena	> 99.9999%	> 6 log

Unique Features

Easy Open Housings

Rainfresh UCS2+ features an easy-open housing that does not require a wrench. Simply hold the sump by hand, rotate 1/8 turn and the sump detaches. This makes cartridge changes easy with no need for a wrench or tools. It also features a manual pressure relief valve to vent pressure before cartridge replacement or cleaning.





Cleanable Ceramic Cartridge

Rainfresh's proprietary ceramic filter cartridge (model 1M) can be cleaned and reused up to a 100 times



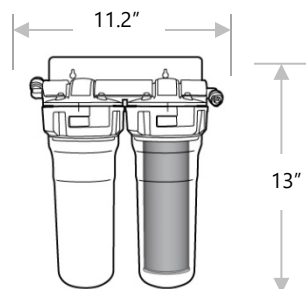
Modern Chrome Faucet

Includes ceramic-disc modern style chrome faucet for dispensing safe, clean water at the turn of a handle!

System Dimensions

Model	Unit Width	Unit Height	Unit Depth
UCS2+*	11.2" (285 mm)	13" (330 mm)	5" (127 mm)

* - a) For cold water use only. This product is for residential use only. Not for use in buildings over 4 storeys
b) Includes supply valve, tubing and ceramic disc chrome faucet.



Operating Specifications

Inlet/Outlet Connections : 3/8"
Max. Service Flow Rate : 0.75 US GPM (2.8 LPM)
Max. Temperature : 100°F (38°C)
Max. Pressure : 100 psi (689 kPa)**

** If pressure surges or water hammer conditions exist, a pressure regulator and/or water hammer arrestor should be installed.



Cartridge Specifications

Filter Cartridge Model	Cartridge Type	Rated Cartridge Life [^]
VC1+	Activated carbon block pre-filter for PFAS & chemical reduction	6 months
1M	Ceramic filter for bacteria, cyst, and microplastics reduction	12 months or 1,000 US gal (3,785 Litres)

[^]Cartridge life may vary with water quality and usage.



Limited 5 year warranty

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